

Title (en)
IMPACT-ABSORBING DEVICE FOR USE IN EARTH-BANK-PROTECTION SYSTEMS

Title (de)
STOSSDÄMPFUNGSVORRICHTUNG FÜR AUFSCHÜTTUNGSSCHUTZSYSTEME

Title (fr)
DISPOSITIF AMORTISSEUR D'IMPACTS CONTENU DANS DES SYSTEMES DE PROTECTION DE TALUS

Publication
EP 1811087 A2 20070725 (EN)

Application
EP 05787235 A 20050802

Priority
• ES 2005000442 W 20050802
• ES 200402443 A 20041015

Abstract (en)
Impact absorbing device for slope protection systems, fitted in the contention and protection screens to guard against stones or other bodies landsliding, comprising two cables arranged in the form of a lacing, each being cased in a "U" shaped tube. The cables are interlaced or arranged in parallel, the lacing being fastened together in their upper and lower part by a tightening element compressing the tubes. These cables comprising the invention may be installed taut between the hill anchoring and the protection system, or alternatively, fitted on the mesh support cables with the posts. When an overload occurs on the contention screen, the sudden pull on the cables will force the tubes to become distorted to go between the tightening elements, such friction leading to a dissipation of energy.

IPC 8 full level
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CPC (source: EP ES US)
A61P 31/04 (2018.01 - EP); **A61P 35/00** (2018.01 - EP); **E01F 7/04** (2013.01 - ES); **E01F 7/045** (2013.01 - EP US); **F16F 7/12** (2013.01 - ES); **F16F 7/14** (2013.01 - EP ES US); **F16G 11/00** (2013.01 - ES)

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